

### AMENDMENTS TO THE CLAIMS

Please amend the claims. The following listing of claims replaces all previous versions in the Application:

What is claimed is:

**1-27. (Canceled)**

**28. (Currently Amended)** A method comprising:

determining if a computer, using firmware but no additional software, cannot read a block of data on a medium coupled with the computer during a pre-boot phase; and  
in a case where the computer, using firmware but no additional software, cannot read the block of data,  
reading, using firmware but no additional software, a header on the medium that describes a location of a program on the medium, the program to enable the computer to read the block of data, and  
loading the program into the computer.

**29. (Previously Presented)** The method of claim 28 wherein the program is a file system driver.

**30. (Previously Presented)** The method of claim 29 wherein the file system driver is to operate in accordance with the Extensible Firmware Interface (EFI) framework standard.

**31. (Previously Presented)** The method of claim 29 further comprising:  
mounting a file system using the file system driver; and  
reading the data using the file system.

**32. (Previously Presented)** The method of claim 28 wherein the program is a pre-boot recovery utility.

**33. (Previously Presented)** The method of claim 32 wherein the pre-boot recovery utility is an Extensible Firmware Interface (EFI) application.

**34. (Previously Presented)** The method of claim 32 further comprising recovering a storage device coupled with the computer by reading a portion of the block of data and writing the portion to the storage device using the pre-boot recovery utility.

**35. (Previously Presented)** The method of claim 32 further comprising recovering a corrupted operating system boot target stored on the storage device using the pre-boot recovery utility, wherein the medium includes a magnetic backup tape.

**36. (Currently Amended)** An article of manufacture comprising:  
a first machine-readable medium including a plurality of instructions which when executed perform operations comprising:  
determining if a computer, using firmware but no additional software,  
cannot read a block of data on a medium coupled with the computer during a pre-boot phase; and  
in a case where the computer, using firmware but no additional software, cannot read the block of data,  
reading, using firmware but no additional software, a header on the medium that describes a location of a program on the medium, the program to enable the computer to read the block of data, and loading the program into the computer.

**37. (Previously Presented)** The article of manufacture of claim 36 wherein the program is a file system driver.

**38. (Previously Presented)** The article of manufacture of claim 37 wherein the file system driver is to operate in accordance with the Extensible Firmware Interface (EFI) framework standard.

**39. (Previously Presented)** The article of manufacture of claim 37 wherein execution of the plurality of instructions further perform operations comprising:

mounting a file system using the file system driver; and  
reading the data using the file system.

**40. (Previously Presented)** The article of manufacture of claim 36 wherein the program is a pre-boot recovery utility.

**41. (Previously Presented)** The article of manufacture of claim 40 wherein the pre-boot recovery utility is an Extensible Firmware Interface (EFI) application.

**42. (Previously Presented)** The article of manufacture of claim 40 wherein execution of the plurality of instructions further perform operations comprising recovering a storage device coupled with the computer by reading a portion of the block of data and writing the portion to the storage device using the pre-boot recovery utility.

43. **(Previously Presented)** The article of manufacture of claim 40 further comprising recovering a corrupted operating system boot target stored on the storage device using the pre-boot recovery utility, wherein the second medium includes a magnetic backup tape.

44. **(Currently Amended)** A computer system, comprising:

a processor; and

at least one non-volatile storage device operatively coupled to the processor, the at least one non-volatile storage device including firmware instructions which when executed by the processor perform operations comprising:

determining if a computer, using firmware but no additional software,

cannot read a block of data on a medium coupled with the computer during a pre-boot phase; and

in a case where the computer, using firmware but no additional software, cannot read the block of data,

reading, using firmware but no additional software, a header on the medium that describes a location of a program on the medium, the program to enable the computer to read the block of data, and loading the program into the computer.

45. **(Previously Presented)** The system of claim 44 wherein the program is a file system driver.

46. **(Previously Presented)** The system of claim 45 wherein the file system driver is to operate in accordance with the Extensible Firmware Interface (EFI) framework standard.

**47. (Previously Presented)** The system of claim 45 wherein execution of the firmware instructions further perform operations comprising:

mounting a file system using the file system driver; and  
reading the data using the file system.

**48. (Previously Presented)** The system of claim 44 wherein the program is a pre-boot recovery utility.

**49. (Previously Presented)** The system of claim 48 wherein the pre-boot recovery utility is an Extensible Firmware Interface (EFI) application.

**50. (Previously Presented)** The system of claim 48 further comprising recovering a storage device coupled with the computer by reading a portion of the block of data and writing the portion to the storage device using the pre-boot recovery utility.

**51. (Previously Presented)** The system of claim 48 further comprising recovering a corrupted operating system boot target stored on the storage device using the pre-boot recovery utility, wherein the medium includes a magnetic backup tape.